

**PRECISE DIGITAL GENERATOR PRODUCING CLOCK SIGNALS**

**Abstract of the Disclosure**

A generator includes an oscillator for producing a clock signal from an N-bit control number. The oscillator includes a first group of cells, with  
5 each cell including at least one series connected inverter. A first selection circuit selects a variable number of the cells as a function of the most significant bits of the control number. The oscillator also includes a second group of cells, with each cell  
10 including at least one series connected inverter. A second selection circuit selects one of the cells as a function of the least significant bits of the control number. The selected cells of the first and second groups of cells are series connected to form a chain of  
15 inverters.